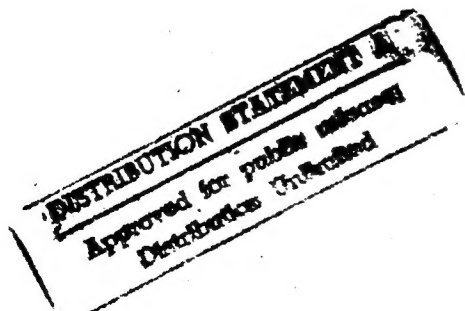




Quarterly Report

CVD Diamond
Cost Analysis Update

Contract Number: N00014-93-C2044



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IBIS Associates, Inc.
55 William Street, Suite 220
Wellesley, MA 02181-4003 USA

Quarterly Report

CVD Diamond Cost Analysis Update

Contract Number: N00014-93-C2044

Distribution Statement A:
Approved for Public Release:
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Fourth Quarter 1994

**IBIS Associates, Inc.
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Summary

Progress for IBIS Associates in the fourth quarter of 1994 includes discussion with 3M and Research Triangle Institute regarding their radio frequency (RF) CVD diamond deposition technology. Although modeling this technology has not been accomplished, the non-disclosure agreements have been taken care of. IBIS awaits feedback on the schedules of 3M and RTI contacts for modeling to proceed.

Also accomplished in the fourth quarter of 1994 was initial discussion with Torch Temed (Arava, Israel) concerning the economics of their DC arcjet CVD diamond deposition technology.

IBIS intends to follow up with 3M and RTI and analyze the economics of their CVD diamond process.

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18 January 1995

Defense Technical Information
S47031
c/o Contract N00014-93-C2044
Center Bldg. 5, Cameron Station
Alexandria, VA 22314

To whom it may concern:

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Also accomplished in the fourth quarter of 1994 was initial discussion with Torch Temed (Arava, Israel) concerning the economics of their DC arcjet CVD diamond deposition technology.

IBIS intends to follow up with 3M and RTI and analyze the economics of their CVD diamond process. If there are any questions concerning this report, feel free to call John Busch, Steve Riester, or myself at the number listed above. Thank you very much for your time.

Sincerely,

A handwritten signature in cursive script that reads 'Adam Singer'.

Adam Singer
Associate